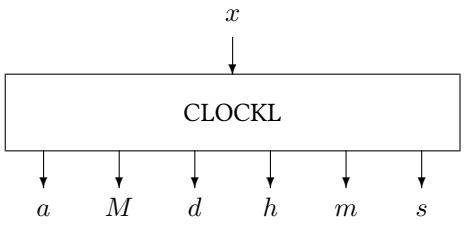
Block CLOCKL

The CLOCKL block is an L-block version of the CLOCK block..





Name	CLOCKL
Function	fb0072
Inputs	1
Outputs	6
Parameters	13
Strings	1
Group	L

Inputs

1	Output of a predecessor.

Outputs

1	Year a
2	Month M
3	Day d
4	Hour h
5	Minute m
6	Second s

Parameters

1	Start on year a_1
2	Start on month M_1
3	Start on day d_1
4	Start on hour h_1
5	Start on minute m_1
6	Start on second s_1
7	Stop on year a_2
8	Stop on month M_2

9 Stop on day d_2
10 Stop on hour h_2
11 Stop on minute m_2
12 Stop on second s_2
13 Increment Δt

Strings

1 Unit of the increment Δt, case sensitive, ie 'm' $\neq$ 'M', for example
'a' Years
'M' Months
'd' Days
'h' Hours
'm' Minutes
's' Seconds

---

clockl.vseit



The CLOCKL block runs through two hours with a time step of 20 minutes. It starts on the February 28 at 23 o'clock and ends on Februray 29 at 1 o'clock. The result (year a, month M, day d, hour h, minute m and second s) is shown by a SCREEN block.

The DO block runs the loop two times.

```
2012.    2.   28.   23.    0.    0.
2012.    2.   28.   23.   20.    0.
2012.    2.   28.   23.   40.    0.
2012.    2.   29.    0.    0.    0.
2012.    2.   29.    0.   20.    0.
2012.    2.   29.    0.   40.    0.
2012.    2.   28.   23.    0.    0.
2012.    2.   28.   23.   20.    0.
2012.    2.   28.   23.   40.    0.
2012.    2.   29.    0.    0.    0.
2012.    2.   29.    0.   20.    0.
2012.    2.   29.    0.   40.    0.
```

Remarks Please notice the required connection to the TOL block and the feedback loop.

See also Blocks CLOCK.